

CERAMIC CATALYST BODY, CERAMIC SUPPORT AND THEIR  
PRODUCTION METHODS

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ABSTRACT OF THE DISCLOSURE

10       The object of the present invention is to improve the catalyst performance of a ceramic support that enables a catalyst component to be loaded directly, prevent thermal degradation and so forth, and enhance durability.

15       In the present invention, when producing a catalyst body by loading a catalyst onto a ceramic support having a large number of pores that enable a catalyst to be loaded directly onto a base ceramic surface, the mean particle size of the catalyst particles is made to be 100 nm or less, and preferably 50 nm or less. As a result of reducing particle size, in addition to making it possible for the catalyst particles to be highly dispersed, the catalyst particles can be reliably retained in the microscopic pores, thereby suppressing aggregation and degradation caused by thermal vibration and so forth.

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